

Title (en)

SILICONE COATING AS A SEALING LAYER FOR A DECORATION COATING

Title (de)

SILIKONBESCHICHTUNG ALS VERSIEGELUNGSSCHICHT FÜR EINE DEKORBESCHICHTUNG

Title (fr)

REVÊTEMENT DE SILICONE EN TANT QUE COUCHE DE VITRIFICATION POUR UN REVÊTEMENT DÉCORATIF

Publication

**EP 2595933 B1 20200122 (DE)**

Application

**EP 11743439 A 20110720**

Priority

- DE 102010031866 A 20100721
- EP 2011003635 W 20110720

Abstract (en)

[origin: WO2012010302A1] The invention relates to a glass or glass ceramic article having a decorative coating, wherein the decorative coating comprises a decoration and sealing coating, wherein the decorative coating comprises a decoration layer and a sealing layer. The decoration layer is applied to at least some of the surface area of the glass or glass ceramic substrate, and the sealing layer is applied to at least a portion of the decoration layer. The decoration layer is a cured sol-gel coating comprising inorganic solid particles, and the sealing layer is a cured silicone coating comprising inorganic solid particles. The invention further relates to a method for producing such glass or glass ceramic articles.

IPC 8 full level

**C03C 17/42** (2006.01); **B32B 17/06** (2006.01); **F24C 15/10** (2006.01)

CPC (source: EP US)

**C03C 17/001** (2013.01 - US); **C03C 17/42** (2013.01 - EP US); **F24C 15/10** (2013.01 - EP US); **B32B 9/00** (2013.01 - US); **B32B 17/06** (2013.01 - EP US); **C03C 2217/445** (2013.01 - EP US); **C03C 2217/45** (2013.01 - EP US); **C03C 2217/485** (2013.01 - EP US); **C03C 2217/78** (2013.01 - EP US); **Y10T 428/24802** (2015.01 - EP US); **Y10T 428/24876** (2015.01 - EP US); **Y10T 428/31663** (2015.04 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102010031866 A1 20120126**; CN 103003217 A 20130327; CN 103003217 B 20151209; EP 2595933 A1 20130529; EP 2595933 B1 20200122; JP 2013538171 A 20131010; US 2013266781 A1 20131010; US 8877327 B2 20141104; WO 2012010302 A1 20120126

DOCDB simple family (application)

**DE 102010031866 A 20100721**; CN 201180034903 A 20110720; EP 11743439 A 20110720; EP 2011003635 W 20110720; JP 2013520007 A 20110720; US 201113811176 A 20110720